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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **SOMA, Gen-Ichiro, et al.**

Group Art Unit: **Not Yet Assigned**

Serial No.: **10/572,853**

Examiner: **Not Yet Assigned**

Filed: **March 22, 2006**

P.T.O. Confirmation No.: 9265

FOR: METHOD FOR FERMENTATION AND CULTIVATION, FERMENTED PLANT EXTRACT, FERMENTED PLANT EXTRACT POWDER, AND COMPOSITION CONTAINING THE EXTRACT OF FERMENTED PLANT

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

June 22, 2006

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

References AC and DF are discussed in the Specification. References AF and EG are cited in the International Search Report for the corresponding international application under PCT.

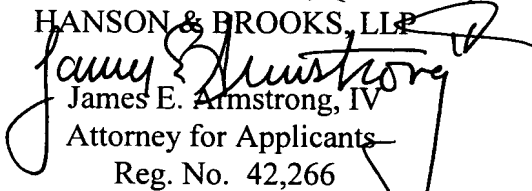
No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS,
HANSON & BROOKS, LLP


James E. Armstrong, IV
Attorney for Applicants
Reg. No. 42,266

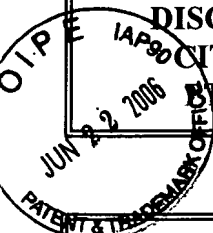
JAM/rk
Atty. Docket No. **060208**
Suite 1000
1725 K Street, N.W.
Washington, D.C. 20006
(202) 659-2930



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PATENT TRADEMARK OFFICE

Enclosures: PTO-1449 and references (28)



INFORMATION DISCLOSURE CITATION PTO-1449	Atty. Docket No. 060208	Serial No. 10/572,853
	Applicant(s): SOMA, Gen-Ichiro, et al.	
	Filing Date: March 22, 2006	Group Art Unit: Not Yet Assigned

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA					
_____	AB					

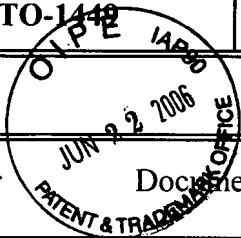
FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)
_____	AC 3-218466 (Discussed in the Specification)	09/26/1991	Japan	Yes, abstract only.
_____	AD 0 384 798 (Corresponding European Patent Application of Reference AC)	08/29/1990	Europe	
_____	AE 8-198902	08/06/1996	Japan	Yes, abstract and machine translated claims and specification.
_____	AF 6-78756	03/22/1994	Japan	Yes, abstract only.
_____	AG 4-99481	03/31/1992	Japan	Yes, abstract only.
_____	AH 0 477 050 (Corresponding European Patent Application of References AF and AG)	03/25/1992	Europe	
_____	AI 4-187640	07/06/1992	Japan	Yes, abstract only.
_____	AJ 4-49240	02/18/1992	Japan	Yes, abstract only.

OTHER DOCUMENTS

_____	AK	INAGAWA, H., et al.; "THERAPEUTIC AND PROTECTIVE EFFECTS OF A WATER EXTRACT OF WHEAT FLOUR HAVING LIMULUS-POSITIVE SUBSTANCE (LPSw) AGAINST SEVERAL KINDS OF DISEASES;" <i>BIO THERAPY</i> ; Vol.5, No.4, pp.617-621. (1991)
_____	AK	SOMA, G., et al.; "Further Developments of the Therapy with Lipopolysaccharides of a Small Molecular Size on Various Intractable Diseases;" <i>Tumor Necrosis Factor: Molecular and Cellular Biology and Clinical Relevance</i> . Basel, Karger; pp.203-220. (1993)
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_____	BA					
_____	BB					

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	Document No.	Date	Country	Translation (Yes or No)
_____	BC 5-155778	06/22/1993	Japan	Yes, abstract and machine translated claims and specification.
_____	BD 00/57719	10/05/2000	PCT	Yes, abstract only.
_____	BE 1 082 908 (Corresponding European Patent Application of Reference BD)	03/14/2001	Europe	

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_____	BE	YAMADA, T., et al.; "Seibutsugaku Jiten 3 rd Edition.;" <i>Iwanami Shoten</i> ; p.1021 and cover page. (1983)		
_____	BF	GAVINI, F., et al.; "Transfer of <i>Enterobacter agglomerans</i> (Beijerinck 1888) Ewing and Fife 1972 to <i>Pantoea</i> gen. nov. as <i>Pantoea agglomerans</i> comb. nov. and Description of <i>Pantoea dispersa</i> sp. nov.;" Vol.39, No.3, <i>INTERNATIONAL JOURNAL OF SYSTEMATIC BACTERIOLOGY</i> ; pp.337-345. (1989)		
_____	BG	NISHIZAWA, T., et al.; "Homeostasis as Regulated by Activated Macrophage. I. Lipopolysaccharide (LPS) from Wheat Flour: Isolation, Purification and Some Biological Activities;" <i>Chem. Pharm. Bull.</i> ; Vol.40, No.2. pp.479-483. (1992)		
_____	BH	INAGAWA, H. et al.; "Homeostasis as Regulated by Activated Macrophage. II. LPS of Plant Origin Other than Wheat Flour and Their Concomitant Bacteria;" <i>Chem. Pharm. Bull.</i> ; Vol.40, No.4. pp.994-997. (1992)		
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_____	CA					
_____	CB					

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_____	CE	NEILSON, A.H.; "Nitrogen Fixation in a Biotype of <i>Erwinia herbicola</i> Resembling <i>Escherichia coli</i> ;" <i>Journal of Applied Bacteriology</i> ; Vol.46, pp.483-491. (1979)		
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_____	CI	ASIS, C.A. Jr., et al.; "Isolation of endophytic diazotroph <i>Pantoea agglomerans</i> and nondiazotroph <i>Enterobacter asburiae</i> from sweetpotato stem in Japan;" <i>Letters in Applied Microbiology</i> ; Vol.38, pp.19-23. (2003)		
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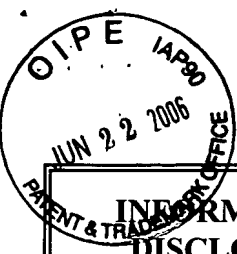
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_____	DB					

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_____	DF	KEARNS, L.P., et al.; "Antibiotic Production by <i>Erwinia herbicola</i> Eh1087: Its Role in Inhibition of <i>Erwinia amylovora</i> and Partial Characterization of Antibiotic Biosynthesis Genes;" <i>APPLIED AND ENVIRONMENTAL MICROBIOLOGY</i> ; Vol.64, No.5, pp.1837-1844. (1998) (Discussed in the Specification)
_____	DG	INAGAWA, H., et al.; "Anti-tumor Effect of Lipopolysaccharide by Intradermal Administration as a Novel Drug Delivery System;" <i>ANTICANCER RESEARCH</i> ; Vol.17, pp.2153-2158. (1997)
_____	DH	INAGAWA, H., et al.; "PROTECTIVE EFFECT BY INTRADERMAL ADMINISTRATION OF <i>PANTEA AGGLOMERANS</i> LPS (LPSP) AND ORAL ADMINISTRATION OF ONO-4007;" <i>Biotherapy</i> ; Vol. 11, No.3, pp.464-466. (1997)
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_____	EB						

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_____	EF	INAGAWA, H., et al.; "COMPARISON OF ANALGESIC EFFECT OF ORALLY ADMINISTARTED WHEAT LPS(LPS _w) WITH VARIOUS LPSS FROM GRAM-NEGATIVE BACTERIA IN MICE;" <i>BIO THERAPY</i> ; Vol.6, No.3, pp.358-359. (1992)
_____	EG	SOMA, G.; "Dynamic Aspects of Cytokine Network to Induce Antitumor Effects by Intradermal Administration of Low Molecular Weight Lipopolysaccharide Derived from <i>Pantoea Agglomerans</i> ;" <i>Advancement of Pharmaceutical Sciences</i> ; Vol.16, pp.7-22. (2000)
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